Editorial

They Have Troubles, Too ......................................................... 1305

Articles

National Radio Astronomy Observatory: R. M. Emberson ..................... 1307

The early history and development of the observatory at Green Bank, West Virginia, are reviewed.

Sulfhydryl-Disulfide Interchange: E. V. Jensen ................................ 1319

This biological chain reaction explains aspects of protein denaturation, blood clotting, and mitosis.

Science in the News

Soviet Scientific Information System Held To Be Much Like Ours in Its Structure and Operation; Cooper Union’s Second Century; Jodrell Bank Radio Telescope Controlled by Computers .................. 1324

Book Reviews

C. S. Hyneman’s The Study of Politics, reviewed by P. H. Odegard; other reviews ..... 1333

Reports

Dissipation of Planetary Atmospheres: V. A. Firsoff .......................... 1337


Elementary-Body Virus Isolated from Clinical Trachoma in California:

L. Hanna et al. ........................................................................... 1339

Growth Inhibitor in Immature Soybean Seeds and 2,4-D-Sprayed Soybean Seedlings:

J. L. Key and D. S. Galitz ................................................................ 1340

Discrimination Learning: P. L. Carlton ........................................... 1341

Role of Trehalose in Ascospores of Neurospora tetrasperma:

A. S. Sussman and B. T. Lingappa ................................................. 1343

Association Affairs

Program Planned for the AAAS Chicago Meeting ............................... 1344

Departments

Letters .......................................................................................... 1302

Forthcoming Events; New Products ................................................ 1349

Cover

The spiny oak-slug caterpillar (Euclea delphinii Bdv) feeds on broad-leaf trees, such as basswood and apple. The adult moth emerges in June after a complete metamorphosis requiring one year. This insect does not cause any great degree of damage since it is not common. This is probably the result of high parasitism. Its only known parasite is Zenillia blanda (O.S.), a large gray fly (Tachinid). The maggot lives within the host caterpillar and eventually kills it, completing its development in the body wall and emerging as an adult fly. [Ross Jackson]